

The Compelling Opportunity for FoIP

Increasingly, forward-thinking enterprises are seeking to deploy new networks that support voice, video, and data on a single, unified (or converged) IP network. One of the important opportunities that converged IP networks present is the ability to send and receive fax transmissions. As companies make the switch to all-IP networks, they will need to review their plans for migrating their business-critical fax communications to their new IP network. By migrating fax communications to converged IP architectures, companies can achieve numerous important advantages over legacy fax infrastructures.

- **Lower Long-Distance Telecom Charges** – Sending faxes over IP networks enables companies to make fax calls essentially free of the public switched telephone network (PSTN) charges. If it cost \$0.05 per page in telecom charges to send a fax over long-distance lines, the cost savings add up quickly.
- **Lower PBX Maintenance Fees** – With an IP-based fax solution, companies can dramatically reduce the maintenance costs of PBX station ports that are much higher than the maintenance costs of routers.
- **Centralized Fax Resources for Easier Deployment and Maintenance** – Instead of deploying servers and fax cards at remote locations (where IT skills are typically absent and where maintenance is difficult to provide), the distributed nature of FoIP processing can deliver services to all locations from one central data center. With FoIP, you can maintain a point of presence at remote offices by operating a centralized fax server. A remote employee in Rome can use the company's fax server in Boston just as easily as if it were located in their local office. That provides an excellent economy of scale and maximizes usage of your resources and prevents the deployment of rarely used fax servers at sparsely populated remote offices.
- **Enhanced Disaster Preparedness** – Consolidating fax servers in one or two strategically located secure data centers also simplifies disaster planning and preparedness by reducing the number of sites that need rapid response. What's more, IP communications architecture, by its nature, is more fault-tolerant to network outages than the traditional circuit switched architecture.
- **A Better Solution for Document Management and Compliance** – FoIP provides an excellent solution for companies seeking to structure and standardize their communications and is better suited for document management, business process automation, and compliance processes. FoIP is a better platform for ensuring the integrity of internal control procedures and communications that are sensitive to regulatory compliance, for example Sarbanes-Oxley and Basel II. Ultimately, this solution allows firms to capture and organize faxes electronically to ensure privacy, security, archiving, access, and retrieval.

Dialogic

**Fax Over IP
(FoIP)**

Omtool High-Performance Host-Based Fax Over IP

Omtool offers reliable, versatile, real-time T.38 fax-over-IP capabilities – in a host-based software-only solution that delivers the same high performance that companies have come to expect from traditional fax boards. The Omtool supplied solution is available in a variety of densities from 2 to 60 channels and is suitable for a variety of computer-based fax applications such as fax servers, fax document management, and compliance systems.

- **Integrates with VoIP Networks** - The Omtool provided solution enables companies to implement IP fax with their VoIP networks. The result: reduced long distance bills and lower administrative and maintenance costs.
- **Reduces Complexity and Simplifies Deployment** - With no boards to install or maintain, FoIP reduces complexity and simplifies deployment through an all-in-one software-only fax server with no slots required.
- **Reliable, Real-time IP Fax** - Omtool's fax solution delivers highly reliable faxing over VoIP networks using the T.38 real-time fax-over-IP protocol. Omtool and Dialogic are recognized as having the best T.38 available on the market today as the result of nearly 20-years experience developing and supporting intelligent fax technology deployed in a wide variety of enterprise and service provider networks worldwide.
- **Range of Configurations Available** - The software-based FoIP is available in 2, 4, 8, 12, 24, 30, 48 and 60 channels. To add more channels as their needs grow, customers can install a simple software license upgrade.
- **Interoperability with Industry Leading T.38 Gateways** - The software-based FoIP has been tested and certified with the market-leading T.38 gateways from Cisco, Alcatel, Avaya, and Quintum to ensure maximum interoperability. See link below to verify interoperability.

Signaling

- SIP(RFC 3261)
- H.323 (version 4)

System Density

- Support from 2 to 120 ports in a Single Server

Minimum Requirements

- Pentium 4/2.66 GHz
- 512 MB PC2100 DDR SDRAM Memory
- Ethernet Connection
- T.38 in the Gateways
- Error Correction Mode (ECM) in the Gateways
- SIP or H.323 Call Control

IMPORTANT Verification Process

- Please verify your system's interoperability via this link. Be sure to check back often for updates. www.dialogic.com/interoperability/fax.htm
- Once you verify that your system meets the above minimum requirements and is listed on the approved interoperability list, please work with your sales engineer to fill out Omtool's required FoIP questionnaire to determine complete FoIP system compatibility.

Fax Over IP (FoIP)

Operating System Support

Microsoft Windows 2000 Professional Service Pack 4

Microsoft Windows 2000 Server, Service Pack 4

Microsoft Windows 2000 Advanced Server, Service Pack 4

Microsoft Windows XP Professional, Service Pack 2

Microsoft Windows Server 2003, Standard Server Edition, Service Pack 1

Microsoft Windows Server 2003, Server Edition, 64-bit version, Service Pack 1

Microsoft Windows Server 2003, Enterprise Edition, 32-bit version, Service Pack 1

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